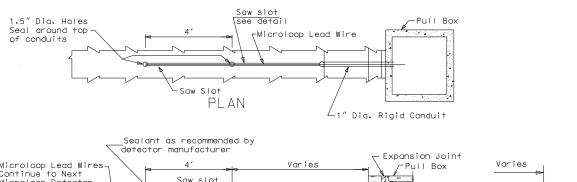


NOTE: After the installation and compaction of the aggregate base, the contractor shall trench a 4" trench and drill the 1.5" diameter holes. The microloop detectors shall be installed, embedded in the sand as shown. The aggregate base shall be recompacted to the density of the surrounding material and the microloops shall be tested prior to PCC pavement placement.

NOTE: The 1.5 inch dia. holes shall be drilled a minimum of 2" below the bottom of the microloop detector probe.

MICROLOOP PLACEMENT IN NEW PAVEMENT



Microloop Detector

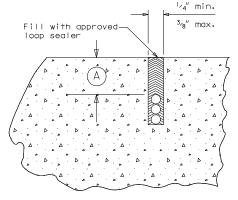
Saw slot

Saw sl

NOTE: The contractor shall drill the 1.5" dia. holes, cut the saw slot in the pavement, install the 1" conduit and install the microloop detectors so the tops of the probes are 15" below the road surface. The 1 inch diameter conduit shall be filled with sand and the saw slot sealed. The microloops shall be tested.

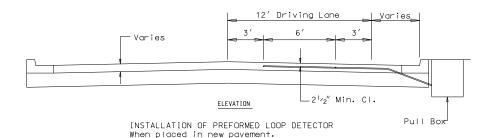
NOTE: The 1.5 inch dia. holes shall be drilled a minimum of 2" below the bottom of the microloop detector probe.

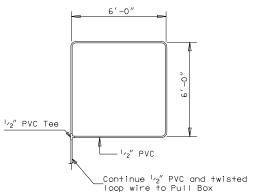
MICROLOOP PLACEMENT IN EXISTING PAVEMENT



SAW SLOT DETAILS

A 1" concrete surfacing min. 2" asphalt surfacing min.





NOTE: The Preformed Loop shall be securely tied down to prevent the loop from floating during placing of concrete.

PREFORMED LOOP DETECTOR LAYOUT

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
DEPARTMENT OF TRANSPORTATION	
05-17-99	
REVISIONS	
DATE	CHANGE
12-01-04	PE Stamp added

This document was originally issued and sealed by MARK S GAYDOS, Registration Number PE-4518, on 12/01/04 and the original document is stored at the North Dakota Department of Transportation